Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 24 Aug 2021 until 23:59 on Wednesday 25 Aug 2021

Forecast Issued on Tuesday 24 Aug 2021 at 03:15

Confidence: Confidence is high for a mostly dry and settled period, however only moderate for the extent and persistence of cloud each day. Confidence is high, however, for the best of the sunny spells and warmer temperatures to be in the west.

Headline for Tuesday 24 Aug 2021: Rather cloudy start, especially in the east. Some sunny spells possible later, mainly across western hills.

Mountain weather hazards on Tuesday 24 Aug 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Cloudy
Precipitation probability					
10%	10%	<05%	00%	00%	00%

Forecast for Tuesday 24 Aug 2021

Weather: Cloud thickening from the east overnight, and descending onto modest hills, where the odd spot of drizzle cannot be ruled out. Clearer spells to the west allowing for the odd patch of valley mist to develop. A rather cloudy morning follows, and whilst cloud will lift and break through the day, some eastern parts and higher hills could see cloud linger throughout. Where cloud breaks, some warm sunny spells developing. Clear spells following into the evening.

Chance of cloud free mountain/hill tops above 600m: 40% in west, 10% east at first, lifting to 80% in west, 60% east.

Visibility: Cloud becoming extensive in the east early hours Tuesday, obscuring hills above 400m, although some clearer spells in the west. The odd patch of cloud possible down to 200m in the east. Along with some valley mist in the west, this will lead to poor visibility through the early morning. Views improving through the day, however, with some distant hills visible by the afternoon, but remaining poor above 500m where cloud lingers on hills, mainly in the east.

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Mountain Weather Forecast

Forecast for Tuesday 24 Aug 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 E	13/18 E	12/16 E	11/15 NE	8/11 E	9/12 E	9/12 E
300	5/8 N	10/14 NE	9/13 E	9/14 NE	5/8 NE	5/8 E	5/8 NE
Valley	2/8 E	7/13 E	7/14 E	7/13 E	4/8 E	4/8 E	4/8 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	12/10	13/11	14/13	15/13	13/12	11/10
300	13/13	15/13	16/15	17/16	17/17	15/15	14/13
Valley	14/14	16/15	18/17	19/18	18/18	16/16	14/14
Freezing Level*	3100m	3100m	3000m	3000m	3000m	2900m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions could vary quite widely across the Peak District, and where cloud breaks some fine conditions are to be expected, with sunny spells bringing a risk of moderate UV. Some murky conditions during the morning, however, slow to clear from easternmost hills, and could linger all day in places.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 24 Aug 2021	0.2mm	1.6mm	10.2mm

Forecast for Wednesday 25 Aug 2021

Weather: A very similar start to Tuesday, with cloud thickening overnight, especially across eastern hills, before lifting through the day. Clearer spells in the east, with early mist or fog patches lifting. Sunny spells then developing through the day, perhaps becoming more widespread during the afternoon than on Tuesday. Light winds.

Maximum wind: Northeasterly 10-20mph

Chance of cloud free mountain/hill tops above 600m: 10% in east at first, 40% in west. Improving to 70% in east and 90% in west by the afternoon.

Visibility: Cloud becoming extensive again early hours Tuesday, obscuring hills above 400m, although some clearer spells persisting in the west. The odd patch of cloud possible down to 200m in the east. Along with some valley mist in the west, this will lead to poor visibility through the early morning. Views improving through the day, however, with some distant hills visible by the afternoon for most areas, with only patchy cloud possible above 500m, mainly in the east.

Temperature: **Valleys:** Plus 11 Celsius becoming Plus 23 Celsius
At 600m: Plus 10 Celsius becoming Plus 16 Celsius
Freezing level: Above summits.

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